

REMARKS

Claims 1, 2, 4-6, 8-14, 23, 24 and 28-31 currently remain in the application. Claims 3, 7, 15-22 and 25-27 have been withdrawn and no claims are herein amended.

Claims 1, 2, 4-6, 8, 9, 11, 13, 23 and 28-31 were rejected under 35 U.S.C. 102 as being anticipated by Manabe, and claims 10, 12, 14 and 24 were rejected under 35 U.S.C. 103 over Manabe.

In citing Manabe, the Examiner specifically points to its Figs. 1-3b. Manabe relates to a liquid crystal display device, and its liquid crystal molecules are not "moved" in the way molecules are caused to move according to the claims in the present invention.

Explained more in detail, an electric or magnetic field is applied according to the present invention (and as being described in each of independent claims 1, 9 and 10) such that the liquid crystal molecules will "turn" (by changing their orientations) and also "change positions" (by changing the positions of their centers of gravity". According to Manabe, by contrast, the liquid crystal molecules do not move in that way. As shown in Figs. 3a and 3b as pointed out by the Examiner and also in Figs. 4a, 4b, 4c and 5, Manabe's liquid crystal molecules turn around their centers of gravity, but the positions of their centers of gravity do not move in the direction parallel to the surface of the wall.

This difference is illustrated on a separate sheet which is submitted herewith. As shown in Fig. 5B, for example, the liquid crystal molecules according to this invention have a velocity distribution, their velocities not being uniform. Thus, their centers of gravities travel at different rates and their relative positions change, as well as their orientations. This separate sheet is intended to more clearly and forcefully convince the Examiner that the present invention is not anticipated by Manabe and hence that Manabe cannot predicate the Examiner's rejection on the ground of obviousness, much less on the ground of anticipation.

It is therefore believed that the application is in condition for allowance and such an action at an early date is earnestly solicited.

Respectfully submitted,

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